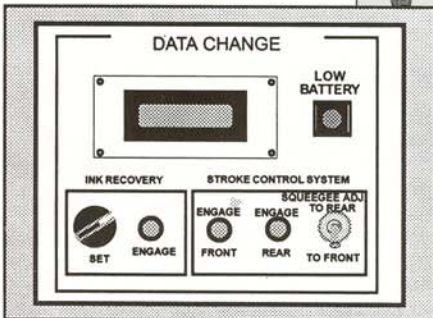
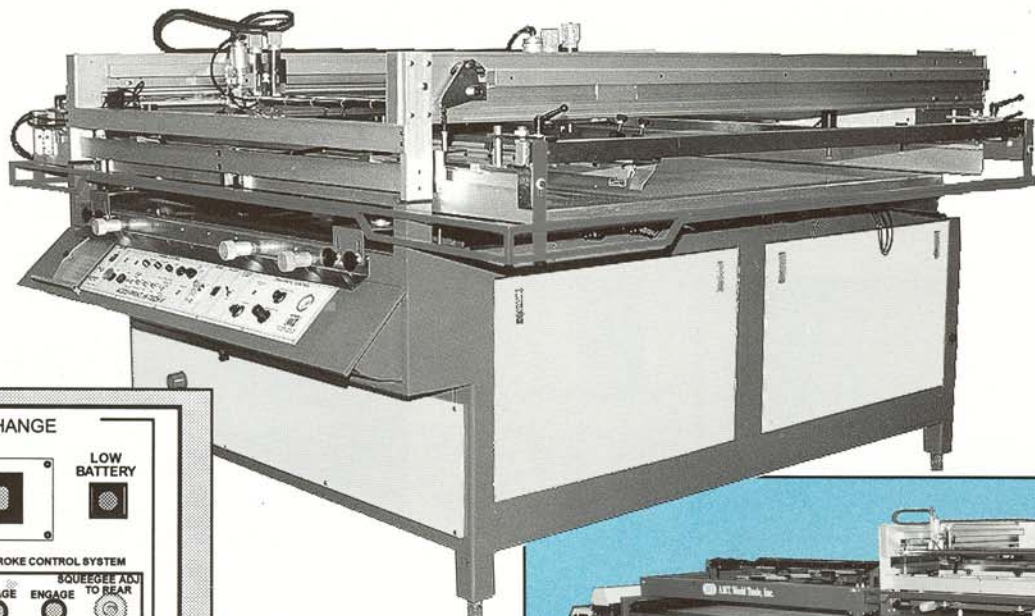


Enhancing fundamentally superior design through full electronic control

Accu-Print HIGH-TECH™ & HIGH-TECH V™

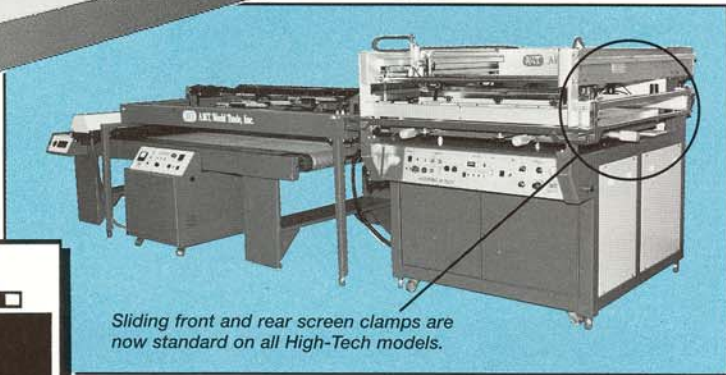
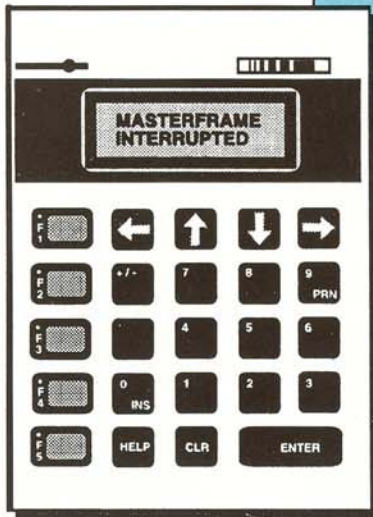
SERIES OF SEMI-AUTOMATIC SCREEN PRINTING PRESSES



The A.W.T. ELECTRONIC STROKE LENGTH ADJUSTMENT

(Patent No. 5,419,244)
Sets the Accu-Print High-Tech apart from other presses in its class!

TWO-WAY DIRECT MODEM TROUBLE SHOOTING is built into all High-Tech models. On board **INTERACTIVE DIAGNOSTICS INTERFACE** is standard on High-Tech V models.



Sliding front and rear screen clamps are now standard on all High-Tech models.

HIGH-TECH MODEL 3855 PRESS

Equipped with the unique up-front peel adjustment and shown with optional Accu-Lift Take-Off System.

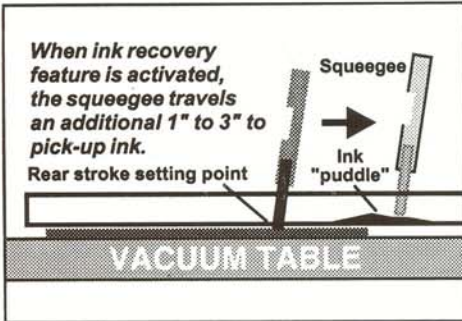


The new standard by which

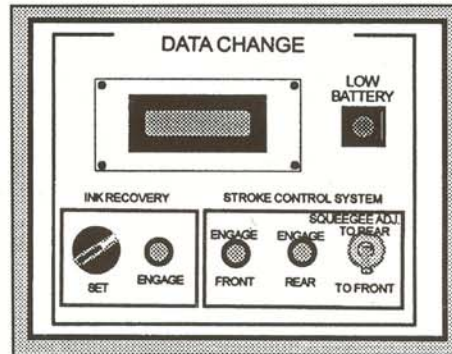
The Accu-Print High-Tech and High-Tech V offer a combination of engineering attributes that simply can not be matched. A patented computer controlled stroke length adjustment and our unique ink recovery system are sufficient to establish the High-Tech in a category of its own. Add interactive diagnostics (standard on the High-Tech V model, optional on all others), two way phone modem

direct service capabilities and other features described below and you are looking at a world class flat bed screen printing machine.

Yet many of the most compelling reasons to choose the High-Tech series are not readily visible; belt drive heavy duty ball-bearing carriage for smooth squeegee action, independent carriage stroke and head-lift drive,



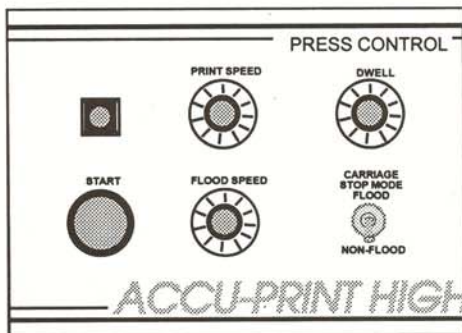
1



UP-FRONT COMPUTER CONTROLLED STROKE SETTING

(Patent No. 5,419,244): Sets stroke length quickly and precisely up-front at the main control panel. No tools, no wasted motion, no sensors to move.

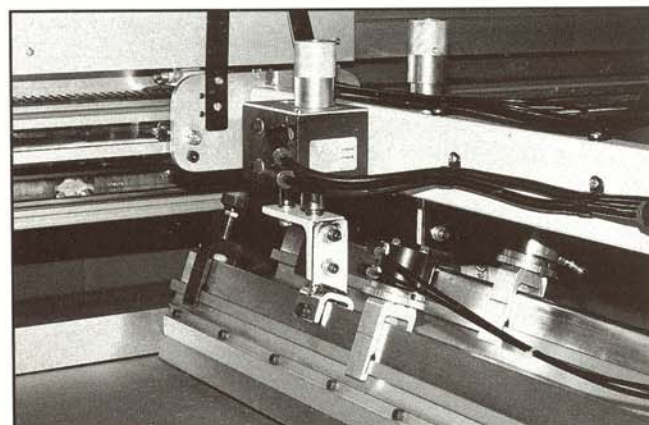
2 ADVANCED INK RECOVERY FEATURE: Allows efficient use of ink deposit during operation; shifts squeegee back without changing stroke length.



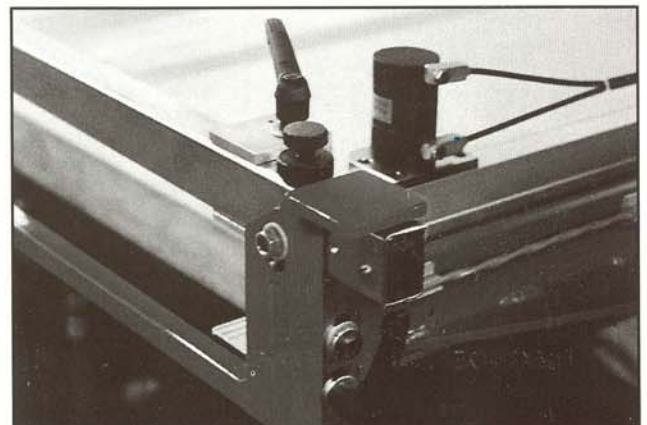
3 FRONT OR REAR CARRIAGE STOP MODE: For running solvent or UV curable inks; operator selects flood or non-flood carriage stop position.

High-Tech Print Sizes

- 30" x 40" (76 x 102 cm)
- 36" x 50" (92 x 127 cm)
- 38" x 55" (97 x 140 cm)
- 40" x 56" (102 x 142 cm)



4 NEW PNEUMATIC SQUEEGEE / FLOOD ASSEMBLY SYSTEM : Total pneumatic squeegee pressure assures consistent print quality.



5 "0" OFF-CONTACT: Four point control allows minimal off-contact settings, to make the most of today's high tension screens.

all others will be measured

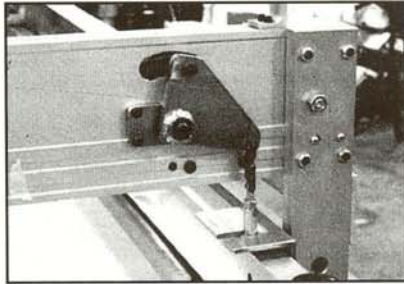
electro-mechanical brake, five point masterframe lock-in, new up-front peel control with optional parallel peel system (patent pending), quiet maintenance free vacuum motor and more safety features than any other press.

Ultimately, the most outstanding feature of the High-Tech series is the company behind it. A.W.T. has more screen printing experience than any other company, with

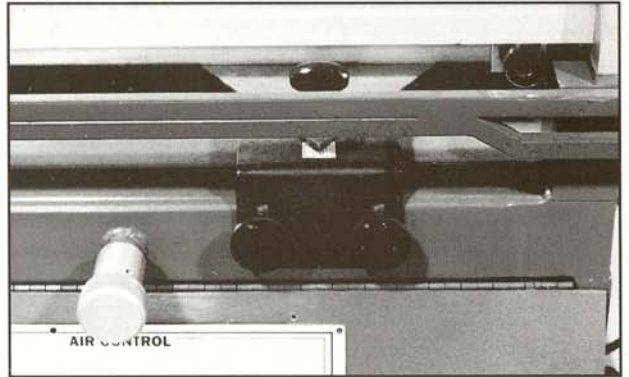
quality and performance in mind. Designed for durability, low maintenance and instant service, this press is built for the long run, with the technology to work for you every day. You can also count on A.W.T. to be there with complete technical back-up and service... now and into the next century.

UNIVERSAL DROP-DOWN MASTERFRAME:

With built in safety, disengages from head for safe, easy set-up; accepts all frame sizes, press will not run when disengaged.

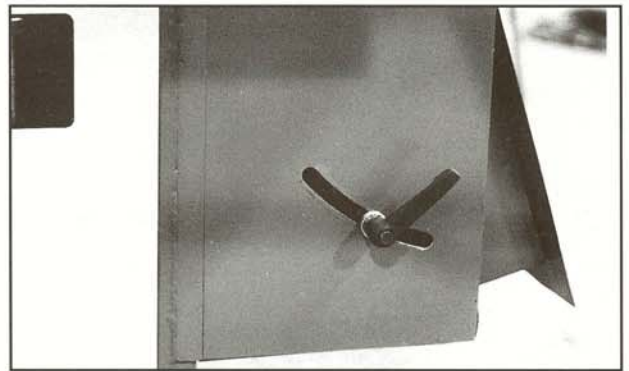


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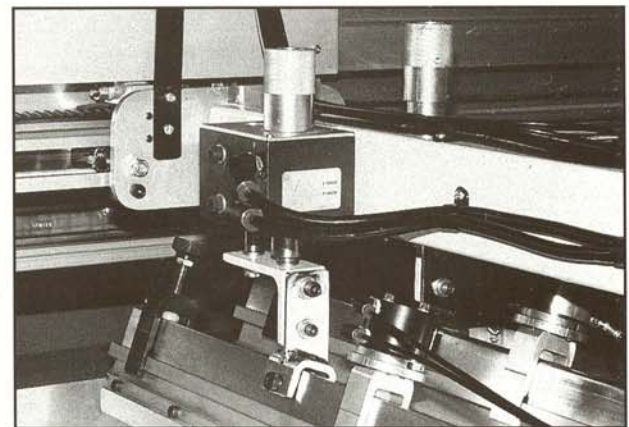
9 SUPER-TIGHT MICRO-REGISTRATION:

New bearing actuated system delivers tolerances to $+ / - .002"$.



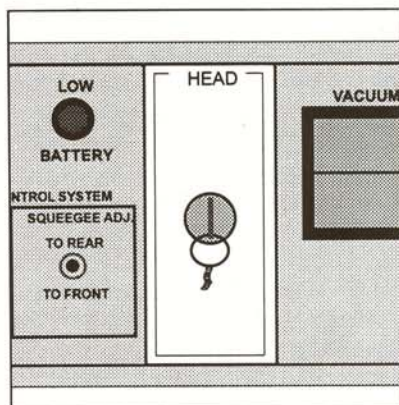
8 SWING-AWAY CONTROL PANEL:

Maximizes operator convenience and improves overall production efficiency.



7 PNEUMATIC SQUEEGEE / FLOOD ASSEMBLY:

With repositioned air cylinders to equalize pressure for positive squeegee contact across the print area.



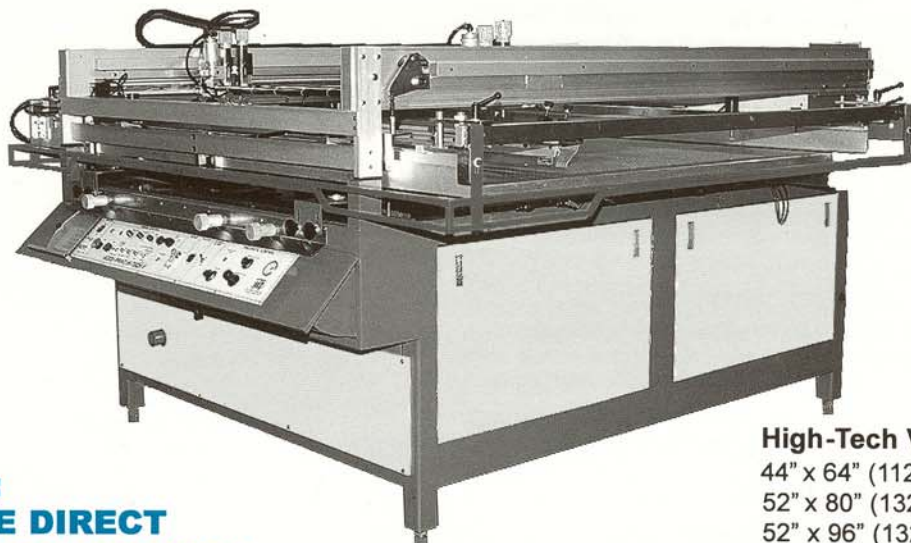
6

KEY OPERATED CARRIAGE CYCLE PROTECTION:

When the masterframe is disconnected for set up or cleaning, key control lifts and lowers head, prevents accidental cycling of press.

Accu-Print HIGH-TECH V™

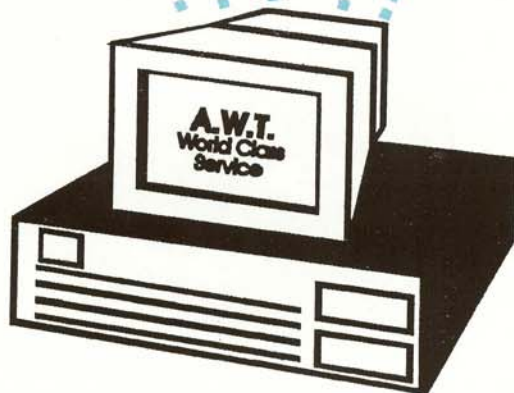
The Ultimate in Micro-Processor Controlled, Large Format Screen Printing



STANDARD: WORLDWIDE DIRECT SERVICE INSTANTLY VIA REMOTE PHONE HOOK-UP

Phone Modem feature included, reduces down time significantly by providing a direct two-way communication link between the High-Tech on-board micro-processor and the central A.W.T. diagnostics computer. Local PC hook-up in customer plant is required.

- No more waiting for service.
- Fast identification and correction of malfunction sources.
- Remote downloading of software upgrades.
- Minimizes downtime due to minor service problems.

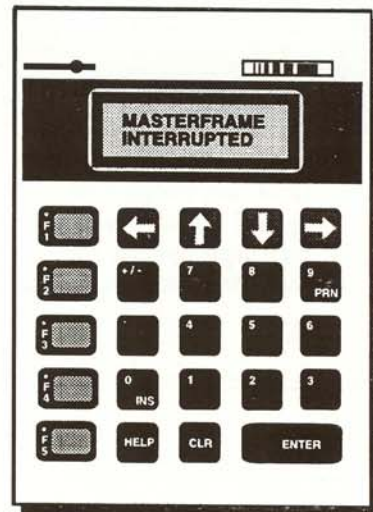


High-Tech V Print Sizes

- 44" x 64" (112 x 162 cm)
- 52" x 80" (132 x 203 cm)
- 52" x 96" (132 x 244 cm)
- 52" x 120" (132 x 305 cm)
- 60" x 80" (153 x 203 cm)
- 60" x 96" (153 x 244 cm)

STANDARD: Diagnostics and Productivity Interface

Instant, on-board trouble shooting with productivity enhancement programming. Screens include basic press information, automatic error messages and individual job status. Works with remote phone modem to reduce downtime and maximize service turnaround. Standard on the High-Tech V.



- Electronic trouble shooting minimizes downtime.
- Automatic error message display.
- Interactive job status screens include quantity printed and stroke length parameters.

Accu-Lift™ Automatic Take-Off System

INCREASE PRODUCTIVITY & OPERATOR EFFICIENCY...

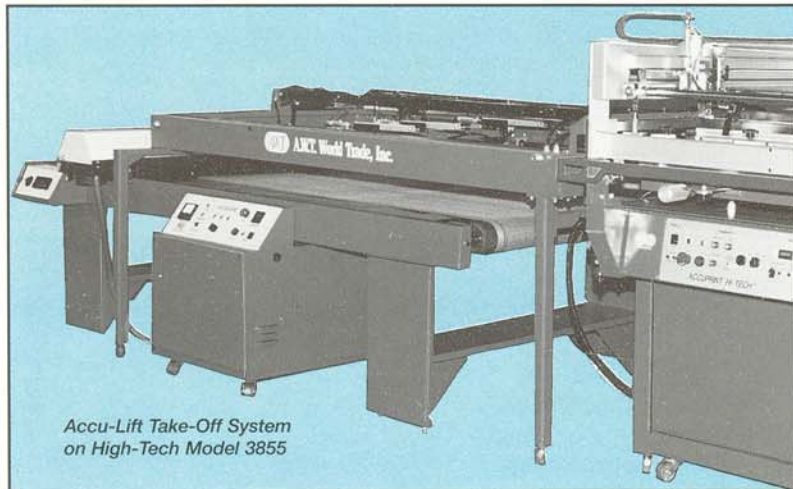
Designed to operate with all A.W.T. Presses, the optional patented, Accu-Lift Take-Off System automatically delivers stock to the dryer conveyor. The pneumatically driven system operates smoothly and quietly, handling substrates such as paper, plastics, masonite and aluminum with ease. Separate controls for pick-up cycle and delivery cycle provide efficient synchronization with press settings. No other system offers this range of performance features at any price!



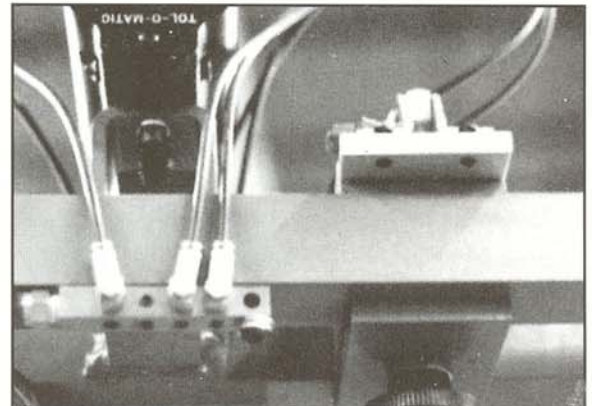
- Knock down legs for easier in-shop transportation and shipping

- Adjustable in-out gripper position allows pick-up of irregular shaped edges
- Easy retro-fit of additional gripper bar assemblies
- Effortless gripper gap setting

- Adjustable drop point
- Infinite positionable gripper bar assemblies
- Fast and easy to assemble
- Independent control of pick-up and delivery cycles

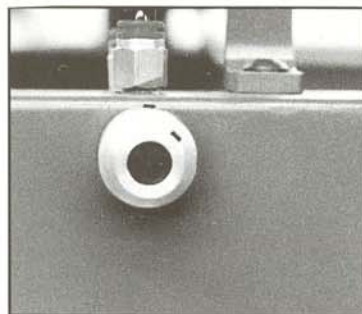


Accu-Lift Take-Off System on High-Tech Model 3855

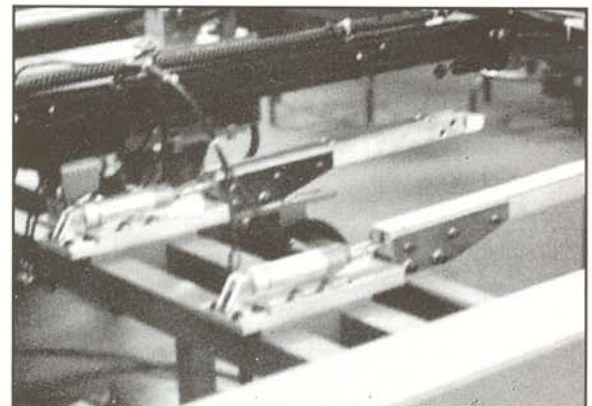
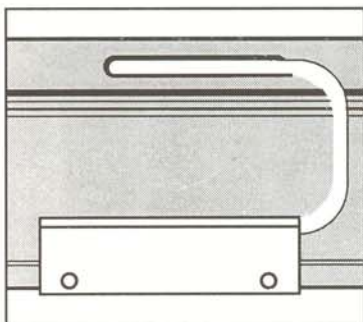


Unique engineering allows a fast adjustments to lateral position and easy addition of extra gripper units.

Up-front independent speed control of both carriage cycles maximizes production rates



Substrate drop-off point may be changed to accommodate different dryer belt configurations



The Accu-Lift Gripper Assembly offers in-out positioning and variable gripper gap adjustment.

Compare These High-Tech Performance Standards to the Competition!

- **Up-Front Computer Controlled Stroke Setting (Patent No. 5,419,244):** Sets stroke length quickly and precisely up-front at the main control panel. No tools, no wasted motion.
- **Advanced Ink Recovery Feature:** Allows efficient use of ink deposit during operation; shifts squeegee without changing stroke.
- **Direct Phone Modem Interface:** For direct, instant worldwide contact with our service department plus software upgrades.
- **Front or Rear Carriage Stop Mode:** For running solvent or UV curable inks; operator selects flood or non-flood carriage stop position.
- **Four Point Off-Contact Control:** Easily accessible turnbuckle on masterframe and rear screen holder height setting.
- **"0" Off-Contact Capability:** Allows minimal off-contact settings to optimize the benefits of today's high tension screens. Toolfree Squeegee/Flood Bar Pressure Adjustments: Easy access to micro-calibrated knobs on squeegee assembly.
- **Squeegee/Flood System:** Pneumatic squeegee pressure equalizer assures consistent print quality.
- **Four Point Masterframe Lock-in:** Ball-bearing head lock for the tightest repeatable registration performance.
- **New Toolfree Peel Rate Setting:** Allows infinite adjustment to the automatic peel system from 1/4" to 1". (High-Tech only)
- **Universal Drop-Down Masterframe:** Disengages from head for safe, easy set-up; accepts all frame sizes with safety features.
- **New Toolfree Position Settings for Front and Rear Screen Holders:** To accommodate smaller screen sizes.
- **All-Aluminum Vacuum Table:** 2" thick table with heavy gauge plate top and bottom; height adjustment up to 1" thick.
- **Improved Micro-Registration System:** New three-point bearing controlled system provides precise registration adjustments for close tolerances up to +/- .002" with no "backlash".

- **Three-Way Mode Selection:** Dwell timer, Jog and Foot Pedal.
- **Independent Squeegee & Flood Bar Speeds:** An essential print quality control feature.
- **Squeegee/Flood Bar Angle Adjustments:** For absolute print control on challenging jobs.
- **Independent Carriage Stroke & Head Lift Drive:** Assures smooth, even print stroke.
- **Belt Drive Heavy-Duty Ball Bearing Print Carriage:** Ensures quiet trouble-free and vibration-free operation.

STANDARD SAFETY FEATURES

- **Emergency Stop Button:** Stops press instantaneously.
- **Wrap Around Safety Bar with Lift-Back:** Protects operator on three sides and lifts head up when activated.
- **Key Operated Carriage Cycle Protection:** When the masterframe is disengaged for set-up or cleaning, key control prevents accidental cycling of the press.

HIGH-TECH V STANDARD FEATURES

- **Interactive Diagnostics & Production Interface:** Provides instant data on press status, including 14 different error messages to streamline minor trouble shooting. The Quantity Mode feature stops the press automatically when the job is complete.
- **Sliding Rear Pneumatic Frame Clamps:** Save operator time during set-up, eliminate concerns over frame size matching clamps position for smaller frame sizes.

HIGH-TECH & V OPTIONAL FEATURES

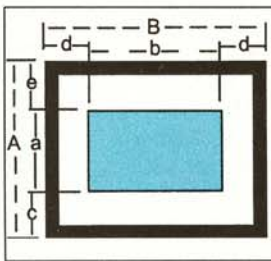
- Pneumatic screen clamps • Accu-Lift take-off system
- Automatic "0" peel • Parallel peel • Winged flood bar
- Computer controlled diagnostics interface (optional High-Tech)

ACCU-PRINT HIGH-TECH & HIGH-TECH V SPECIFICATIONS

Model	Overall Dimens. w/Masterframe	Max. Print Area	Max. Print Thickness	Overall Vacuum Bed	Cycle Speed Range	Electrical	Amps	Power
HT3040	71 x 58" 181 x 148cm	30 x 40" 76 x 102cm	1" 2.5cm	42 x 46" 107 X 117cm	750	Single Ph. 220V, 60 Hz	15A	2HP
HT3650	77 x 65" 196 x 165cm	36 x 50" 92 x 127cm	1" 2.5cm	48 x 56" 122 x 142cm	750	3 Ph. 220V, 60Hz	15A	2HP
HT3855	77 x 71" 196 x 181cm	38 x 55" 97 x 140cm	1" 2.5cm	50 x 61" 127 x 155cm	750	3 Ph. 220V, 60 Hz	15A	2HP
HT4056	80 x 71" 203 x 181cm	40 x 56" 102 x 142cm	1" 2.5cm	52 x 62" 132 x 157cm	700	3 Ph. 220V, 60 Hz	15A	2HP
HTV4464	94 x 88" 239 x 224cm	44 x 64" 112 x 163cm	1" 2.5cm	61 x 70" 155 x 178cm	500	3 Ph. 220V, 60 Hz	20A	3.5HP
HTV5280	103 x 103" 262 x 262cm	52 x 80" 132 x 203cm	1" 2.5cm	69 x 86" 175 x 219cm	500	3 Ph. 220V, 60 Hz	20A	3.5HP
HTV5296	103 x 120" 262 x 305cm	52 x 96" 132 x 244cm	1" 2.5cm	69 x 102" 175 x 260cm	500	3 Ph. 220V, 60Hz	20A	4HP
HTV52120	103 x 144" 262 x 366cm	52 x 120" 132 x 305cm	1" 2.5cm	69 x 126" 175 x 320cm	500	3 Ph. 220V, 60 Hz	25A	4HP
HTV6080	112 x 103" 284 x 262cm	60 x 80" 153 x 203cm	1" 2.5cm	78 x 102" 198 x 218cm	500	3 Ph. 220V, 60 Hz	20A	3.5HP
HTV6096	112 x 120" 284 x 244cm	60 x 96" 153 x 244cm	1" 2.5cm	78 x 102" 198 x 260cm	500	3 Ph. 220V 60 Hz	25A	4HP

SCREEN AND FRAME DIMENSION GUIDELINES

Model	Frame Dimensions		Copy Dimensions		Well Dimensions			Model	Frame Dimensions		Copy Dimensions		Well Dimensions		
	A	B	a	b	c	d	e		A	B	a	b	c	d	e
30 x 40	47"	54"	30"	40"	8.5"	7"	8.5"	52 x 80	75"	96"	52"	80"	12.5"	8"	10.5"
	120cm	137cm	76cm	102cm	23cm	20cm	23cm		190cm	244cm	132cm	203cm	32cm	20cm	26cm
36 x 50	55"	64"	36"	50"	10.5"	7"	8.5"	52 x 96	75"	112"	52"	96"	13"	8"	10"
	140cm	163cm	91cm	127cm	27cm	18cm	22cm		190cm	284cm	132cm	244cm	33cm	20cm	26cm
38 x 55	56"	70"	38"	55"	9"	7.5"	9"	52 x 120	75"	136"	52"	120"	13"	8"	10"
	140cm	178cm	97cm	140cm	22cm	18cm	22cm		190cm	345cm	132cm	305cm	33cm	20cm	26cm
40 x 56	58"	70"	40"	56"	9"	7.5"	9"	60 x 80	83"	96"	60"	80"	13"	8"	10"
	147cm	178cm	102cm	142cm	22cm	18cm	22cm		211cm	244cm	153cm	203cm	33cm	20cm	26cm
44 x 64	67"	84"	44"	64"	13"	10"	10.5"	60 x 96	83"	112"	60"	112"	13"	8"	10"
	170cm	213cm	111cm	162cm	33cm	25cm	26cm		170cm	213cm	111cm	162cm	33cm	20cm	26cm



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